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**From:** Verhalen, Frances [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DA20B77D29D744A3AAEC0CF67C7718BA-VERHALEN, FRANCES]  
**Sent:** 5/6/2019 3:47:17 PM  
**To:** Casso, Ruben [Casso.Ruben@epa.gov]  
**Subject:** RE: EtO WAR entry updates

Ruben, the highlighted area is what I changed in your entries. It is strictly formatting – content is very good. Please start your entries with either Information, Signature, or Event. This should be followed by the next activity date and the activity. In your case, each of these is to arrange a call by a date. Next it will be the actual date of the call.

Information: By May 17, 2019, arrange a call between TCEQ and ORD to discuss the differences in TCEQ and EPA approaches in their respective evaluations on an appropriate inhalation risk value for ethylene oxide. Texas is in the process of revising their state effects screening level (ESL) for ethylene oxide and expects to complete peer review within 6 months. TCEQ is also planning to submit comments both on the industry Request For Correction on the ethylene oxide EPA IRIS value and on EPA proposed MACT rules which mention ethylene oxide. Region 6 has obtained dates and times TCEQ prefers for the call with ORD and will proceed to finalize scheduling.

Information: By May 10, 2019, arrange a call between LDEQ and OAQPS so both agencies can share information they have obtained in their respective efforts to find more sensitive and effective air monitoring methods for ethylene oxide. Existing air monitoring methods are not sensitive enough to detect ethylene oxide at low levels in the outdoor air. EPA is working to develop new techniques for measuring ethylene oxide in the outdoor air to improve our ability to measure ethylene oxide at low levels. Louisiana is investigating the availability of ambient air monitoring protocols that may be able to reach lower detection limits for ethylene oxide than EPA can currently achieve reliably. Region 6 has asked the primary technical contact at LDEQ on this matter for the dates and times LDEQ prefers for the conference call.

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**From:** Casso, Ruben  
**Sent:** Monday, May 06, 2019 9:18 AM  
**To:** Verhalen, Frances <verhalen.frances@epa.gov>  
**Cc:** Madden, Joshua <madden.joshua@epa.gov>  
**Subject:** EtO WAR entry updates

I updated the following WAR entries for TX & LA EtO and put them in the WAR system. I'm not sure if you'll be able to review/edit them in the system.

Update in **bold**.

Ethylene Oxide - TCEQ Effects Screening Level (ESL)

Texas is in the process of revising their state effects screening level (ESL) for ethylene oxide and expects to complete peer review within 6 months. TCEQ is also planning to submit comments both on the industry Request For Correction on the ethylene oxide EPA IRIS value and on EPA proposed MACT rules which mention ethylene oxide. Region 6 agreed to arrange a call between TCEQ and ORD to discuss the differences in TCEQ and EPA approaches in their respective evaluations on an appropriate inhalation risk value for ethylene oxide. **Region 6 has obtained dates and times TCEQ prefers for the call with ORD and will proceed to finalize scheduling.**

Ethylene Oxide - LDEQ Air Monitoring Methodology Research

Existing air monitoring methods are not sensitive enough to detect ethylene oxide at low levels in the outdoor air. EPA is working to develop new techniques for measuring ethylene oxide in the outdoor air to improve our ability to measure ethylene oxide at low levels. Louisiana is investigating the availability of ambient air monitoring protocols that may be able to reach lower detection limits for ethylene oxide than EPA can currently achieve reliably. Region 6 agreed to arrange a call between LDEQ and OAQPS so both agencies can share information they have obtained in their respective efforts to find more sensitive and effective air monitoring methods for ethylene oxide. Region 6 has asked the primary technical contact at LDEQ on this matter for the dates and times LDEQ prefers for the conference call.

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**From:** Verhalen, Frances

**Sent:** Tuesday, April 30, 2019 2:31 PM

**To:** Casso, Ruben <[Casso.Ruben@epa.gov](mailto:Casso.Ruben@epa.gov)>; Madden, Joshua <[madden.joshua@epa.gov](mailto:madden.joshua@epa.gov)>

**Subject:** RE: Hot Issues List to Report on RA Update to the Administrator

Here is the example of the type of information found in weekly update taken from our WARs.

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**From:** Verhalen, Frances

**Sent:** Tuesday, April 30, 2019 1:48 PM

**To:** Casso, Ruben <[Casso.Ruben@epa.gov](mailto:Casso.Ruben@epa.gov)>; Madden, Joshua <[madden.joshua@epa.gov](mailto:madden.joshua@epa.gov)>

**Subject:** RE: Hot Issues List to Report on RA Update to the Administrator

Sorry. Hit send too quickly.

I will need a WAR entry as shown soon. I am working on getting a copy of the format that Olivia mentioned.

For now, we only have the EtO in TX (risk analysis) and LA (monitoring methodologies). [Denka belongs to EN at this time.]

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**From:** Verhalen, Frances

**Sent:** Tuesday, April 30, 2019 1:45 PM

**To:** Casso, Ruben <[Casso.Ruben@epa.gov](mailto:Casso.Ruben@epa.gov)>; Madden, Joshua <[madden.joshua@epa.gov](mailto:madden.joshua@epa.gov)>

**Subject:** FW: Hot Issues List to Report on RA Update to the Administrator

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**From:** Robinson, Jeffrey  
**Sent:** Monday, April 29, 2019 1:25 PM  
**To:** Verhalen, Frances <[verhalen.frances@epa.gov](mailto:verhalen.frances@epa.gov)>  
**Cc:** Wiley, Adina <[Wiley.Adina@epa.gov](mailto:Wiley.Adina@epa.gov)>; Mohr, Ashley <[Mohr.Ashley@epa.gov](mailto:Mohr.Ashley@epa.gov)>; Cox, Kyndall <[Cox.Kyndall@epa.gov](mailto:Cox.Kyndall@epa.gov)>; Wilson, Aimee <[Wilson.Aimee@epa.gov](mailto:Wilson.Aimee@epa.gov)>  
**Subject:** FW: Hot Issues List to Report on RA Update to the Administrator

So you are aware that we will need to update WAR every week going forward until we complete items related to issues handled by Monitoring & Grants and Air Permits.

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**From:** Stenger, Wren  
**Sent:** Monday, April 29, 2019 10:28 AM  
**To:** Donaldson, Guy <[Donaldson.Guy@epa.gov](mailto:Donaldson.Guy@epa.gov)>; Robinson, Jeffrey <[Robinson.Jeffrey@epa.gov](mailto:Robinson.Jeffrey@epa.gov)>  
**Cc:** Price, Lisa <[Price.Lisa@epa.gov](mailto:Price.Lisa@epa.gov)>  
**Subject:** FW: Hot Issues List to Report on RA Update to the Administrator

Here are a few hot issues David wants reported in the weekly. However, this isn't comprehensive and we usually set the list of sites we are reporting on. FYI

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**From:** Balandran, Olivia-R  
**Sent:** Monday, April 29, 2019 8:33 AM  
**To:** R6 Division Directors <[R6\\_Division\\_Directors@epa.gov](mailto:R6_Division_Directors@epa.gov)>; R6 Deputy Division Directors <[R6\\_Deputy\\_Division\\_Directors@epa.gov](mailto:R6_Deputy_Division_Directors@epa.gov)>  
**Subject:** Hot Issues List to Report on RA Update to the Administrator

Hi All,

Attached is a list of hot issues that David developed and would like for all of you to pay close attention to and be sure to provide an RA Update to the Administrator, on the Weekly Report, if anything is going on now or taking place in the near future (1 to 4 weeks). The list is not inclusive, so if you have other activities going on in different locations that merit reporting on the RA Update, please continue to do so. We just want to make sure that you are on the lookout and report on any activity going on in any of the topics listed on the hot issues list.

We also need your assistance in making sure all entries have been made and approved in the Weekly, by noon on Wednesday. David submits the report to the Administrator on Thursday morning, and we have limited time to review and edit the report prior to getting it to him on Wednesday afternoon (which to date has always been late evening).

I've also attached a copy of the last report that David submitted on 4/25/2019, so that you can see the final format that we use. The heading should not be in all caps, and the entries should begin with the date of the activity and be as concise as possible. We will be providing you an updated list, as it is updated.

As always, we appreciate your being part of our team that strives to work smarter, not harder☺

*Thanks!*

*Olivia*